ADDITIONS TO THE DICOTYLEDONS OF LOUISIANA

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Several lists of the plants of Louisiana have been published. Thomas and Allen published checklists of the dicotyledons (1982) and the monocotyledons, pteridophytes, and gymnosperms (1984) in which they attempted to list all the vascular plants known from literature and from herbarium specimens. Several of these were left off from the published list because of errors made by Thomas during the typing of the manuscripts. A list of these omitted plants occurs at the end of this article. MacRoberts published an annotated checklist of the vascular plants of Louisiana in 1984. He made extensive use of the two lists by Thomas and Allen and used all of the M.S. thesis projects of Thomas' students to date. He alternated in his praise and harsh criticism of both. The lists by Thomas and Allen purposely did not attempt to justify each taxon listed by citing a particular specimen. The presence or absence of a taxon in Louisiana at a particular time depends both on its being documented by a herbarium specimen and on its being correctly identified. At present there are no published keys that can be used to identify some of our most difficult groups of plants. The two lists served their purpose; they listed the plants known to the state at the time to the best of the authors' abilities. MacRoberts (1988) recently has published "A Documented Checklist and Atlas of the Vascular Flora of Louisiana" in three parts and 756 pages plus bibliography. This work attempts to account for all the names of vascular plants that have been found in the above three checklists and in various other publications, including unpublished theses and dissertations. After spending several months working with this atlas, I have decided that I should publish the names of some of the plants in the NLU herbarium that are not included in the atlas.

One of the plants that I have collected new to Louisiana but have not yet published is Ceanothus herbaceus Raf. This species is included in MacRobert's atlas although he has not visited the NLU Herbarium since it was collected and it has not been published. Since it was not in literature, it does not meet the criteria to be included in his checklist. This was first collected by R. Dale Thomas and John Pyzner in Caddo Parish along Wallace Lake Road south of Shreveport; Sec. 30, T16N, R13W. It was in a clay soil in a prairie-type habitat. My numbers 93612 (22 Aug. 1985) and 96088 (29 May 1986) were identified by Nancy C. Coile (GA).

A comprehensive study of the Asteraceae of Louisiana is in press in Sida Monographs and changes in this family will be cited there. Helenium campestre Small was collected from Bossier Parish along roadside ditch beside La. 157 and La. 160 at Ivan; Sec. 19, T21N, R11W, RDT 43,892, 22 May 1975. This was first pointed out to me by Dr. E. B. Smith (UARK).

Macroptilum lathyroides (L.) Urban FABACEAE
OUACHITA: Roadbank of La. 553 at dirt road north-west of U.S. 165 north of Monroe; Sec. 32, T19N, R3E. RDT and Pat Pias, 55,858; 3 October 1977. Specimen determined by Dr. Duane Isely (ISC).

Stylosanthes biflora (L.) B.S.P. FABACEAE
var. hispidissima (Michx.) Poll. & Ball
CAMERON: Pasture west of ranch house of F-R Ranch (formerly Moore Ranch) in Gum Cove southwest of Vinton; Sec. 25, T21S, R12W. RDT, B. E. Dutton, J. Bruce, & R. Pousson; 89,336; 9 June 1984. This and several new taxa will be included in an upcoming publication by Dutton and Thomas on the Cameron Parish flora.

Trifolium subterraneum L. FABACEAE
OUACHITA: NLU Richwood Farm, Monroe. Tim Talbot, s.n., 14 April 1977.
WINN: Planted with Lolium perenne on newly constructed U.S.F.S. road 5974 south of La. 126 just west of La. 1233 at Pine Ridge west of Dodson; Sec. 17, T13N, R5W.; RDT, 96,265, 3 June 1986. Widely used in the area for deer food and erosion control.
ST. MARY: Along beach in Cypremort Point State Part west of the end of La. 319 southwest of Louisa; Sec. 30, T15S, R6E, RDT, J. McCoy, & T. Jackson; 103,350; 8 November 1987.
The Louisiana Wildlife and Fisheries offices recommend this species for both erosion control and deer food.

Vicia hirsuta (L.) S. F. Gray FABACEAE
ST. TAMMANY: Along east side of old U. S. 11 through Pearl River Wildlife Management Area south of I-59 and west of East Pearl River; Secs. 31, 32, & 34, T7S, R15E. RDT, Pat Pias, et. al.; 57,403, 8 April 1978. This taxon was previously reported by Taylor and Thomas (1985) but was included because of the way it was handled by MacRoberts (1988). Under V. hirsuta he says "Riddell (1852) reported this as an introduction. It was placed in the 'Questionable' category in MacRoberts (1984) because no later report had been found. It has been rediscovered by Thomas in St. Tammany Parish, but see V. tetrasperma." Under V. tetrasperma he says " this species resembles V. hirsuta. It was excluded from Lasseigne (1973); he saw no

specimens. All reported collections are at NLU and have presumably been properly segregated from *V. hirsuta*." As I read these comments, I think that MacRoberts is saying that he does not trust Thomas to be able to tell two vetches apart. I resent this -- if he wanted to see if they were correctly identified he should have visited the NLU Herbarium or he could have borrowed the specimens. Instead he chose to cite specimens from the thesis projects without looking at the plants. The first plants of *V. tetrasperma* from Richland and Ouachita parishes were annotated by J. Stuart Lassiter who was at Eastern Kentucky University at the time. I have collections from Caddo, DeSoto, Franklin, Jackson, Madison, Ouachita, Richland, St. Tammany, Tangipahoa, Washington, West Carroll, and Winn parishes. I also have it from the following counties: Alabama -- Dale, Lee, Mobile, Sumter, Tuscaloosa; Arkansas -- Drew, Union; Georgia -- Clark; Massachusetts -- Hampshire; Mississippi -- Copiah, Jackson, Lamar; New York -- Duchess, Walter; North Carolina -- New Hanover, Wake; South Carolina --Barnwell; and Texas -- Greg, Rusk. I have *V. hirsuta* only from St. Tammany parish and Connecticut, North Carolina, California, and Virginia; and a 1988 collection from Union County, Arkansas. Provided that one can count to four, these two species can be differentiated. There are 2 seeds per pod in *V. hirsuta* and four per pod in *V. tetrasperma*. The fruits are shorter and there are more fruits in each inflorescence in *V. hirsuta* than in *V. tetrasperma*. The latter species is very common along the roadsides in the state.

Two Asiatic woody species of *Lespedeza* occur in Louisiana at the present time. *L. thunbergii* was included in MacRoberts, stating "in Thomas and Allen (1981). Introduced from Asia, as an ornamental (?) but no record of collection has been found." This illustrates the differences in the checklists -- Thomas and Allen included it based on collections from Webster parish but MacRoberts did not include it because it was not in any of the thesis lists he had at hand.. The Thomas and Allen checklists indicate what was thought to occur in the state when they were written but because of space restrictions no attempt was made to tell where each specimen was deposited or what literature was included. Although the MacRoberts atlas does tell what parishes a plant has been reported from in literature, one still can not tell what publication a lot of his data comes from, especially if it is from a parish not studied by a M.S. student.

Lespedeza thunbergii (DC.) Nakai FABACEAE
WEBSTER: Along U.S.F.S. road 824 in pine woods west of La. 159 and Pine Grove Church; in Kisatchie National Forest;

Sec. 11, T20N, R9W; RDT, 72,174, 23 July 1980. BOSSIER: Beside road in edge of Bodcau Wildlife Management Area northeast of Bellevue; Sec. 24, T20N, R11W; RDT, 93,910, 10 October 1985. This perennial is spreading at both locations and is a desirable food for deer and quail.

Lespedeza bicolor Turcz FABACEAE
OUACHITA: 604 53rd Street, Monroe; Carlos Smith, #1071, 25 May 1971. 301 Arlington Place, West Monroe; Carlos Smith, #1506, 22 June 1971. Long persisting and spreading.

Pisum sativum L. FABACEAE
MOREHOUSE: Field south of La. 134 just west of Oak Ridge, Sec. 19, T19N, R7E; RDT, 88,860; 23 May 1984. This legume is currently commonly planted as a winter cover crop and it also is frequently planted along recently contructed roads. It is common with various species of Vicia, Lathyrus, and Trifolium. I also have collections from Evangeline, Franklin, Ouachita, Richland, Tensas, and West Carroll parishes.

Capsicum annuum L. SOLANACEAE
var. minimum (Miller) Heiser
CAMERON: Hackberry woods just back from the Gulf of Mexico off La. 82, 9 miles west of Holly Beach, La. RDT, et. al., 23,959, 27 June 1971. Seven other collections were made during Dutton's survey of the plants of Cameron Parish.

Physalis angulata L. SOLANACEAE
var. pendula (Rydb.) Waterfall
OUACHITA: Bottomland hardwoods forest southeast of I-20 and La. 594 east of Monroe in Russell Sage Wildlife Management Area; RDT, E. R. Barrett, & K. E. Gremillion, #3813, 3 August 1967. Specimen was determined by Dr. U. T. Waterfall in 1971 and verified by Janet R. Sullivan in 1983.

Physalis acutifolia (Miers emend. Sudwith) Sudwith SOLANACEAE
WEBSTER: Weedy spot beside La. 7 exit on I-20W at Dixie Inn west of Minden; Sec. 31, T19N, R9W. One large sprawling plant in a clump of Amaranthus. RDT, 94,015, 10 October 1985. Determined by Janet R. Sullivan.

Physalis hederaefolia Gray SOLANACEAE
SABINE: Very dry longleaf pine woods beside La. 473 at Hornbeck Fire Tower west of Hornbeck, Sec. 30, T4N, R10W. RDT, Neil Carroll, and Scott Thomas, 71,612, 7 June 1980. CADDO: Very dry sandy soil on east side of U.S. 71 two miles south of Ida and north of Mira; Sec. 26, T23N, R15W. RDT and Mrs. W. G. Dorris, 80,845, 7 May 1982. I also

have specimens from a sandy area north of Vivian on Kendrick Road (89,017; 88,704; 88,346). Specimens were determined by Janet R. Sullivan.

Physalis longifolia Nutt. SOLANACEAE
var. longifolia
AVOYELLES: Edge of field and disturbed roadbank west of La. 361 and Goudeau; Sec. 24, T2S, R4E; RDT, et. al, 94,085, 11 October 1985.
Physalis longifolia Nutt.
var. subglabrata (Mack. & Bush) Cronq.
AVOYELLES: Swampy area at edge of Old River near Marksville Prehistoric Indian Park, Marksville; RDT & C. E. DePoe, #421, 11 September 1966.
I also have specimens from Bossier, DeSoto, East Carroll, Madison, Morehouse, and Tensas parishes. These determinations were made by Janet R. Sullivan who separated these two varieties from P. virginiana for which they were considered synonyms by Thomas and Allen (1982).

Physalis pruniosa L. SOLANACEAE
AVOYELLES: Along south bank of Red River beside La. 107 and La. 115 south of Effie and north of Marksville; Sec. 61, T3N, R3E; RDT, et. al, 94,136, 11 October 1986. This species was included in MacRoberts (1988) but not in Thomas and Allen (1982). Specimen determined by Janet R. Sullivan.

Boehmeria cylindrica (L.) Sw. URTICACEAE
var. drummondii (Weddell) Weddell
JACKSON: Beside Chatham Lake near a road between La. 34 and La. 146 at Chatham; RDT & C. E. DePoe, #140, 10 September 1966. I also have specimens from Catahoula, Lafayette, LaFourche, Morehouse, Ouachita, Orleans, Richland, and Winn parishes. This variety was separated out by Dr. D. E. Boufford of Harvard Herbaria; other specimens were included in the typical variety.

Boehmeria nivea (L.) Gaudichaud-Beaupie URTICACEAE
PLAQUEMINES: Beside La. 23, 3.8 miles south of Belle Chase; Sec. 18, T14S, R24E; Nelson Rich, Larry Lewis, & John McCoy, #482, 30 July 1977. Determined by D. E. Boufford.

Bumelia reclinata (Michx.) Ventenat SAPOTACEAE
CAMERON: Around camp buildings and in adjacent marsh at duck hunting camp on right prong of Black Bayou southwest of Vinton; Sec. 39, T13S, R13W; RDT, B. E. Dutton, & J. Bruce; 89,496 & 2184, 10 June 1984. This was extracted from Dutton's thesis and included in MacRoberts. It was determined by Dr. R. D. Whetstone of Jacksonville State University. He also included most of the specimens of

Bumelia lanuginosa in var. oblongifolia (Nutt.) R. B. Clark.

Several taxa should be added in Salicaceae. Dr. George W. Argus of the National Museum of Natural Sciences in Canada has annotated NLU's specimens and he includes the following taxa in Louisiana: Salix babylonica L., S. caroliniana Michx., S. cinerea L. var. cinerea, S. exigua Nutt. (S. interior Rowlee), S. humilis Marsh var. humilis and var. microphylla (Anders.) Fern. (formerly det. as S. tristis Ait.), S. nigra Marsh., and S. x sepulchralis Simonk (S. alba x S. babylonica). To these taxa can be added Salix fragilis L. FRANKLIN Parish: Dock Smith's house east of La. 578 five miles south of Crowville; Sec. 27, T14N, R8E; RDT, G. Joye, and James Clark, 77,808, 2 August 1981. This is the common round-topped willow along the Mississippi delta between Memphis and Natchez.

Populus tomentosa Vent. SALICACEAE
OUACHITA: Large population beside U.S. 80 east of Sicard and La. 139 east of Monroe; RDT, et. al., 100,996, 21 July 1987.
FRANKLIN: Beside La. 15 at Elam south of Wisner at Catahoula Parish Line; Sec. 9, T11N, R8E; RDT, et. al., 107,153, 17 September 1988.
Earlier collections of this taxon are on loan. This taxon forms extensive colonies by root sprouts.

Clematis jackmanii Moore. RANUNCULACEAE
CLAIBORNE: In area beside and under torn down warehouse south of La. 615 and west of U.S. 79 beside railroad in Haynesville; Sec. 24, T23N, R8W; RDT, L. Lewis, & Pat Pias, 59,661, 2 August 1978.
This cultivated species escapes and is quite common in waste areas. I also have it from East Carroll, Franklin, LaSalle. Madison, Orleans, Ouachita, Sabine, and Tensas parishes.

Pyrus calleryana Dcne. ROSACEAE
FRANKLIN: Roadside of La. 135 one mile south of La. 618 five miles north of Liddieville; Sec. 25, T14N, R6E; RDT & G. Joye, 78,434, 17 September 1981. This is a Bradford Pear that is planted for its beautiful leaves and flowers. It is also used as rootstock for grafting several commercial varieties of Pyrus communis L. The fruits are spread by birds and it is a definite escape in several locations. I have it from Jackson, Lafayette, Lincoln, Ouachita, St. Tammany, and Winn parishes.

Dr. J. B. Phipps of UWO is currently studying the Crataegus species for the Southeastern Flora. He has collected in Louisiana and has most of the NLU specimens on loan. Three additions can be made to the Louisiana flora based on his work.

Crataegus gattingeri Sarg. ROSACEAE
CALDWELL: Common in mixed oak-pine woods along Horseshoe Lake Road about 1.4 miles NW of La. 846, NW of Columbia; Sec. 26, T14N, R3E; RDT & Dendrology Class, 101,136, 4 August 1987. The area was clearcut in 1988. OUACHITA: Edge of woods at clearcut area on hill west of La. 557 near Caldwell Parish Line, south of Luna; Clay soil. D. D. Taylor, et. al., 5571, 7 September 1983.

Crataegus macrosperma Ashe ROSACEAE
OUACHITA: Edge of mixed hardwood-pine woods beside Cooney Barnette Road near Walnut Grove Methodist Church off Lapine Road southwest of West Monroe; Sec. 19, T16N, R2E; RDT, 95,851, 5 May 1986.

Crataegus triflora Chapm. ROSACEAE
CALDWELL: Gorges east of Copenhagen and La. 849 and west of Ouachita River; Sec. 13, T12N, R4E. Clay soils. RDT & Botany 314 Class, 48,829, 5 April 1976.
This taxon was listed as C. mollis (Torr. & Gray) Scheele on the Thomas and Allen checklist so C. mollis should be removed from catalog of our flora. C. triflora is abundant in the open calcareous soils near Copenhagen with C. spathulata, C. marshallii, C. crus-galli, C. berberifolia, and C. viridis.

Lysimachia nummularia L. PRIMULACEAE
OUACHITA: Weed beside greenhouses at Roach's nursery west of West Monroe beside U.S. 80; RDT, et. al., 17,622, 19 March 1970; and from flower bed at 706 Camellia Drive in Monroe; RDT, 22,005, 21 October 1970.
These specimens were verified by Robert D. Sutter.

The Ludwigia uruguayensis (Camb.) Hara complex has been studied by Elsa Zardini of Missouri Botanical Garden. She annotated NLU's material to two other taxa.
Ludwigia hexapetala (Hook. & Arn.) Zardini & Peng. from Caldwell, Claiborne, Morehouse, Rapides, Richland, and Tangipahoa parishes.
Ludwigia grandiflora (Michx.) Zardini & Peng from Cameron, St. Charles, St. Mary, St. Tammany, Tensas, Terrebonne, and Vermilion parishes.

Morus nigra L. MORACEAE
CAMERON: Along a levee in a marsh at north end of Little Pecan Canal on Little Pecan Management Area east of Grand Chenier, Sec. 32, T14S, R4W, RDT, B. E. Dutton, et. al., 90,007, 21 July 1984.
LAFAYETTE: Beside U.S. 90 and railroad tracks at La. 343

in Duson; Secs. 28 & 29, T9S, R3E, RDT and C. M. Allen, 98,410, 4 October 1986. A large tree of this species is also present in the lawn of the residence of Trudie Dorris of West Monroe (Ouachita Parish) and is distinguished by its fruit and its heart-shaped leaf bases.

Nymphaea _x_ _thiona_ Ward (_N._ _mexicana_ x _N._ _odorata_) NYMPHAEACEAE
ST. TAMMANY: La. 40, 0.4 miles NW of La. 437 north of Covington; Sec. 23, T15S, R11E. Small farm pond. C. E. DePoe, 6217, 10 August 1966. Determined by John Wiersema of University of Alabama, 1982.

Monarda _bradburyana_ Beck. LAMIACEAE
JEFFERSON DAVIS: Roadbank of U.S. 90 two miles east of Calcasieu Parish, edge of rice field; Sec. 34, T9N, R6W. RDT and family, 30,135, 10 June 1972. Determined by Robert Kral of Vanderbilt.

Carya _laciniosa_ (Michx. f.) Loud. JUGLANDACEAE
MADISON: Along edge of Judd Bayou south of Quebec in Tensas River National Wildlife Refuge; Sec. 16, T16N, R11E. Grafted tree on wild pecan stump; surrounded by woods about 35 years old; 12" d.b.h.; several nuts found. RDT and Kelby Ouchley, 85,950; 27 September 1983. See MacRoberts (1988) for comments on previous specimens from Louisiana.

Carya _ovalis_ (Wang.) Sarg. JUGLANDACEAE
LIVINGSTON: Woods along Spring Branch Road south of I-12 at Satsuma Exit southeast of Walker; Sec. 3, T7S, R4E, RDT, 78,755, 6 October 1981. This taxon is sometimes included within _C._ _glabra_ (P. Mill.) Sweet. However I feel that the differences in fruit shapes and color of heartwood justify the separation of these two species of pignut hickories.

The delimiting of the taxa included in _Quercus_ will probably always be a point of dispute among dendrologists and taxonomists. I think the three following taxa warrant distinction.

Quercus _prinoides_ Michx. FAGACEAE
CALDWELL: Slope at top of hill south of Ouachita River north of Copenhagen and La. 849 SE of Columbia; NW corner of Sec. 11, T12N, R4E; RDT, 107,130; 6 September 1988. The leaves of this taxon are much narrower than those of _Q._ _muhlenbergii_ which occurs in the same area.

Quercus shumardii Buckley var. schneckii (Britt.) Sarg. FAGACEAE
CALDWELL: Gorges east of Copenhagen and La. 849 and west of Ouachita River; Sec. 13, T12N, R4E; RDT & Bill Hess, 83,424, 10 May 1983. This taxon has longer leaves in proportion to their width than the typical variety of Shumard oak. It is common in the area with Q. oglethorpensis, Q. durandii, Q. muhlenbergii, Q. stellata, and Carya myristicaeformis.

Quercus maritima (Michx.) Willd. FAGACEAE
TANGIPAHOA: Longleaf pine woods 0.4 miles west of junction of La. 40 and La. 1062 beside La. 40; RDT, et. al., 12,354, 28 September 1968. Duplicate determined by Robert Kral, 1976.

Corydalis micrantha (Engelm.) Gray FUMARIACEAE
ssp. micrantha
FRANKLIN: Woods east of La. 15 south of Gilbert and north of Wisner; Secs. 9 & 10, T12N, R8E; RDT & Bot. 103 Class, 103,582, 26 March 1988. Most of the material in the state is in ssp. australis (Chapm.) G. B. Ownbey. Most taxonomists place this genus in Papaveraceae.

Manihot grahamii Hook. EUPHORBIACEAE
BIENVILLE: Edge of dirt road in longleaf pine forest west of Edwards Mill Creek and west of Bienville; Sec. 28, T16N, R6W. RDT & Bot. 313 Class, 45,840, 4 August 1975. This taxon is definitely a self-reproducing escape; I have it from Ouachita, Natchitoches, and West Feliciana parishes as established populations.

Euphorbia albomarginata Torr. & Gray EUPHORBIACEAE
(Chamaesyce albomarginata (Torr. & Gray) Small)
SABINE: Dry open area and pine woods north of La. 392 and west of Bayou Toro east of Toledo Bend Dam; Sec. 25, T3N, R12W. Sandy soil. RDT, C. M. Allen, et. al., 105,177, 4 June 1988. This is the small prostrate spurge with small round- to heart-shaped leaves common in open, sandy areas of longleaf pine woods. A similar species on gumbo soils is Euphorbia cordifolia Ell. (Chamaesyce cordifolia (Ell.) Small).

Rhododendron coryi Shinners ERICACEAE
VERNON: Sedimented baygall just north of airport off California Avenue on Fort Polk about 5 miles SE of Leesville. C. M. Allen, 14,500, 2 May 1987. This is a dwarf, late-flowering, white-flowered azalea of the sandy baygalls of Vernon Parish. It flowers later than our other white-flowered species (Rhododendron oblongifolium).

Cucumis sativus L. var. sativus CUCURBITACEAE
MOREHOUSE: Along railroad tracks beside La. 138 in Mer Rouge, Sec. 31, T21N, R7E. RDT & Pat Pias, 57,527, 1 August 1978. Cucumbers occur as waifs much as does watermelon. I also have specimens of cucumber from Claiborne, DeSoto, Ouachita, and West Carroll parishes.

Dr. Hugh D. Wilson of TAMU has annotated many of NLU's Chenopodium specimens for his work on the Southeastern Flora Project. The following taxa are verified by him.

Chenopodium pratericola Rydb. CHENOPODIACEAE
CADDO: Along tracks in northern part of Kansas City Southern railroad yard west of La. 173 SE of Blanchard; Sec. 19, T18N, R14W; RDT, 65,055, 29 May 1979. Also from DeSoto (64,391) and Morehouse (58,141) along railroad tracks.

Chenopodium giganteum D. Don. CHENOPODIACEAE
JACKSON: Beside Chatham Lake, Chatham. RDT & Robin Reid, 21,133, 31 August 1970. Also Claiborne (Lewis, 2004).

Chenopodium berlandieri Moq. CHENOPODIACEAE
var. berlandieri
CADDO: Kansas City Southern Railroad yard southeast of Blanchard. RDT, et. al, 66,452, 28 June 1978.

Chenopodium berlandieri Moq. CHENOPODIACEAE
var. boacianum (Moq.) Wahl
TENSAS: Sandy field near entrance to Lake Bruin State Park from west side of La. 604; Sec. 2, T12N, R12E. RDT & Tim Briley, 78,581, 20 Sept. 1981. Also from Rapides (Schutz 753) and Terrebonne (14,315).

Chenopodium berlandieri Moq. CHENOPODIACEAE
var. zschackei (Murr) Murr
CLAIBORNE: Roadbank of La. 9, 1.4 miles north of Athens, Sec. 36, T20N, R7W. RDT & L. G. Lewis, 16 October 1980. Also from Caddo (65,029), Madison (Rich 123), Tensas (69,734), and West Baton Rouge (65,627).

Chenopodium boscianum Aellen CHENOPODIACEAE
TENSAS: On sandbar along west bank of the Mississippi River south of the end of La. 3078 at abandoned Port Gibson Ferry north of St. Joseph; T11N, R12E. RDT, 86,819-86,823 (each number representing a different plant), 8 November 1983.

Stellaria alsine Grimm CARYOPHYLLACEAE
LASALLE: Run-off seepage area from a sulfur spring beside Trout Creek NW of La. 8 and White Sulfur Springs, Sec. 5, T7N, R2E. RDT & P. Laird, 42,599, 23 February 1975.

This specimen was determined by Richard K. Rabeler. It had been previously listed as *Stellaria graminea* L. The only other specimen with the name *S. graminea* is from Ouachita Parish and is actually *Arenaria patula* Michx. (*Minuartia patula* (Michx.) Mattf. in Kartez and Kartez). This correction was pointed out to me by Eugene Wofford of the University of Tennessee.

Dr. Richard K. Rabeler annotated the following *Cerastium* species: *Cerastium brachypodium* (Engelm. ex Gray) Robinson
Bossier (48,701) and East Carroll (75,044).
Cerastium fontanum Baumg.
Avoyelles (49,068), Bienville (42,562), Bossier (51,960), Caddo (83,116), Claiborne (70,604), DeSoto (71,325), East Carroll (76,557), and Morehouse (51,816).
Cerastium semidecandrum L.
Claiborne (52,154), DeSoto (70,284), and East Carroll (76,988).
The most common species was annotated to *C. glomeratum* Thuill.

Arenaria benthamii Fenzl. ex Torr. & Gray CARYOPHYLLACEAE
CADDO: Along railroad tracks in Kansas City Southern Railway Yard southeast of Blanchard and west of La. 173; RDT, 65,108, 29 May 1979.

Arenaria leptoclados (Reichb.) Guss. CARYOPHYLLACEAE
BOSSIER: Along a two mile section of I-20 between U.S. 80 overpass and La. 157 exit at Haughton; RDT & V. Leggett, 48,612, 25 March 1976. Also Caddo (83,152) and Claiborne (52,294). This species closely resembles *A. serpyllifolia* L. and these specimens were annotated by J. McNeill and M. Dube.

Polanisia dodecandra (L.) DC. CAPPARIDACEAE
ssp. *dodecandra*
CADDO: Kansas City Southern Railway Yard southeast of Blanchard and west of La. 173; Sec. 19, T18N, R14W. RDT, 65,089, 29 May 1979. Also along railroad in Washington Parish (64,990).

Polanisia dodecandra (L.) DC. CAPPARIDACEAE
ssp. *trachysperma* (Torr. & Gray) Iltis
WEST BATON ROUGE: Railroad tracks between La. 1 and Mississippi River at Port of Baton Rouge south of I-10; Sec. 70, T7S, R12E. RDT, 76,260, 13 May 1981.
Both of these taxa were determined by Sue Keller (NY).

Lepidium campestre (L.) R. Br. BRASSICACEAE
OUACHITA: Weed in garden of L. W. Hutchinson, Richardson Road, Calhoun; N. Carroll, s. n., 4 April 1981. A waif. Dr. Kenneth R. Robertson of Illinois Natural History

Survey has looked at many of our specimens of Amaranthaceae. He has changed the Acnida species to those of Amaranthus. He has annotated one of our specimens to Amaranthus powellii S. Watson (WEBSTER: Along railroad tracks north and south of U.S. 80 and U.S. 79 west of Minden; RDT & L. Lewis, 62,215, 2 November 1978). The specimens of Alternanthera other than A. philoxeroides that are annotated by Dr. Robertson include the following species of chaffweeds:

Alternanthera caracasana H.B.K. (Richland, 56,236)
A. paronychoides St. Hil. var amazonica Huber (Winn, 73,148)
A. paronychoides St. Hil var. paronychoides (Ouachita 16,999; Cameron, 87,028; Catahoula, 49,611; East Carroll, 74,272; Franklin, 78,501; Morehouse, 55,833; and Tensas, Briley 2067)
A. sessilis (L.) DC. (Allen, 79,402; Catahoula, 41,221; Evangeline, 407; Richland, 59,094)

Dr. Dieter C. Wasshausen of U.S. National Herbarium has studied many of NLU's Ruellia (Acanthaceae). He has separated out R. malacosperma Greenm. (OUACHITA: Lawn of Mrs. Dorris' home on Jewel Street in West Monroe; RDT & T. Dorris; 24,846, 29 August 1971) from the more common R. brittoniana Leonard ex Fern. He also considered R. pinetorum Fern. to be R. pedunculata Torr. ex Gray ssp. pinetorum (Fern.) R. W. Long. R. purshiana Fern. from Madison Parish (in pasture on G. Crider's Farm in Ward 8; I. Parker, #3, 2 May 1963) was considered a distinct species. He also included two subspecies of R. caroliniensis (J. F. Gmel.) Steud -- ssp. caroliniensis and ssp. ciliosa (Pursh) R. W. Long.

Ardisia crenata Sims MYRSINACEAE
ST. TAMMANY: Woods between Green Springs Motel and Little Bogue Falaya River west of La. 21 north of Covington; RDT, 64,862, 24 May 1979. Widely spread throughout area. IBERIA: Jungle Botanical Gardens on McIllheny Estate on Avery Island at end of La. 329 south of New Iberia. Established and spreading throughout woods. RDT & J. McCoy, 84,469, 22 June 1983. This species was identified by Dr. Bill Hess of Morton Arboretum and represents a new family of vascular plants for the state.

TAXA ACCIDENTALLY LEFT OFF THE THOMAS AND ALLEN LIST OF DICOTYLEDONS

ACERACEAE -- *Acer negundo* L.
APOCYNACEAE -- *Apocynum cannabinum* L.
ASTERACEAE -- *Coreopsis lanceolata* L.
Eupatorium purpureum L.
Rudbeckia missouriensis Engelm. ex Boynt. & Beadle
ELAEAGNACEAE -- *Elaeagnus pungens* Thunb.
Elaeagnus umbellata Thunb. var. *parviflora* (Royle) Scmid.
ERICACEAE -- *Vaccinium virgatum* Ait.
FAGACEAE -- *Quercus michauxii* Nutt.
LINACEAE -- *Linum floridanum*(Planch.) Trel. var. *chrysocarpum* Rogers
Linum floridanum (Planch.) Trel. var. *floridanum*
Linum imbricatum (Raf.) Shinners
Linum medium (Planch.) Britt. var. *texanum* (Planch.) Fern.
Linum striatum Walt.
Linum sulcatum Riddell
Linum usitatissimum L.
MARYTINACEAE -- *Proboscidea louisianica* (Mill.) Thell.
MYRTACEAE -- *Callistemon citrinus* Stapf.
NYCTAGINACEAE -- *Mirabilis jalapa* L.
RUBIACEAE -- *Galium pedemontanum* All.
Hedyotis nigricans (Lam.) Fosb.
(*Houstonia nigricans* (Lam.) Fern.)

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distinct ability to do bibliographic work and his access to various literature sources have added significantly to the current and future understanding of our flora. His dedication in the listing of the vascular plants of Caddo Parish represents one of the best such works that has been done to date. We are not competitors. We have simply approached a project (The Flora of Louisiana) from different directions and with different points of view. I have felt very restricted in the total amount of time that I have been able to spend directly on the flora project due to a full-time teaching load and the large amounts of time required to function as the sole staff member of a large herbarium and to direct masters thesis projects. My claim is that I am a plant collector and a field botanist and not that I am an expert in any particular group of plants. I always have and still do feel indebted to the numerous individuals that have contributed to my current knowledge of the flora of Louisiana. Thanks are due to each one. A plea is made for future cooperation and help with the production of an atlas that reflects the specimens on deposit in our herbaria and then, if time permits, with the production of a manual of our flora.

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